



MARINE SAFETY NEWSLETTER



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The Marine Safety Newsletter is published by the USCG Marine Safety and Environmental Protection Directorate to collect and disseminate information that is of general interest to the maritime community. The monthly Newsletter prints abstracts of major USCG rulemakings, studies, special projects, and related events. Articles from non-Coast Guard sources may not represent USCG policy or views.

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NEWS

Interim Report on Tank Vessel Design, Construction, and Operation Under the Oil Pollution Act of 1990

The Coast Guard announces the availability of an interim report concerning the impact of the provisions of the Oil Pollution Act of 1990 (OPA 90) relating to tank vessel design, construction, and operation on the safety of the marine environment and the economic viability and operational makeup of the maritime oil transportation industry. The interim report was prepared by a committee under the National Research Council and describes the committee's work to date and the availability of data. In addition, the committee is seeking comments and additional information on certain issues to assist it in preparing a final report, required by OPA 90, for submission by the Coast Guard to Congress.

Comments may be mailed to the Marine Board, National Research Council, 2101 Constitution Avenue, HA 250, Washington, DC 20418, Attn: Mr. Donald Perkins. A copy of the interim report may be requested by writing Commandant (G-MES), U.S. Coast Guard Headquarters, 2100 Second Street SW., Washington, DC 20593-0001, or by calling (202) 267-1044 between 8:00 am and 3:00 pm, Monday through Friday, except Federal holidays, or by fax at (202) 267-4624. The report is available on the World Wide Web at: <http://www.starsoftware.com/uscg/nmc/nmc/>

For further information contact: Mr. Jack Klingel, Standards Evaluation and Development Division (G-MES), (202) 267-1044, or Mr. Jaideep Sirkar, Design and Engineering Standards Division (G-MMS-2), (202) 267-6925, U.S. Coast Guard Headquarters, 2100 Second Street SW, Washington, DC 20593-0001.

Coast Guard Publishes Final Rule on Vessel Rebuilt Determinations

On April 22, 1996, the USCG published a final rule that amends its regulation for determining when work on a vessel performed outside of the U.S. constitutes a foreign rebuilding, which results in a loss of coastwise privileges. Clarifying this standard will greatly help vessel owners and operators make better business decisions regarding work to be performed on their vessels. This final rule clarifies existing policies and practices followed in evaluating rebuilt determinations and draws definitive lines for what is and is not considered a rebuilding.

The history of vessel rebuilt determinations and the comments concerning this rulemaking are explained in the NPRM and the final rule. The previous regulatory standard, found in 46 CFR §67.177, stated that a vessel is rebuilt when "any considerable part of its hull or superstructure is built upon or substantially altered." While the wording of the regulatory standard has remained stable over the years, the Coast Guard's administration of the provision has changed. The new standard, found in the amended 46 CFR §67.177, sets out more definitive parameters to be followed in a vessel rebuilt determination.

The Coast Guard, in partnership with the Maritime Administration and the maritime community, is forming a project to periodically reevaluate the upper and lower parameters and other aspects of vessel rebuilt determinations, encompassing historical data available to the Coast Guard in addition to all newly submitted vessel rebuilt determination requests. The Coast Guard also foresees gathering information on the decision making process that members of the maritime industry use to evaluate what amount of work is to be completed and where that work is to be done.

Coast Guard's New Lifejacket Standards Improve Boating Safety and Save Lives

USCG leaders today hailed new standards for inflatable lifejackets for recreational boaters as an example of common sense government and a step toward improved safety.

Inflatable personal flotation devices (PFDs) are expected to increase usage because they are safe and comfortable. A new final rule announced recently allows approval of inflatable PFDs.

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"Wearing a PFD is one of the most effective means of reducing fatalities associated with boating accidents," the Coast Guard said. "By taking steps—approving inflatable PFDs for recreational boaters—we are increasing their safety because more boaters will use them. Lifejackets save lives when they are worn."

Vice ADM Gene Henn, vice commandant of the Coast Guard; Rear ADM James C. Card, chief of the Marine Safety and Environmental Protection Directorate; Rear ADM Rudy K. Peschel, chief of the Navigation Safety and Waterway Services Office; and Al Simon of the National Boating Safety Advisory Council recently displayed several new types of PFDs allowed by changes to the Coast Guard's standards during a ceremony at the Coast Guard headquarters.

In response to the Presidential Regulatory Reform Initiative, the Coast Guard also revised approval procedures for all recreational PFDs and published them at the same time.

The final rule allowing approval of inflatable PFDs is a successful result of the Coast Guard working in partnership with the PFD industry and Underwriters Laboratories. Inflatable PFDs should be available to the boating public by late 1996, the Coast Guard said.

In addition, the Coast Guard stressed that inflatable PFDs must be serviced and maintained. A spokesman urged that before venturing out, boaters should check and when indicated, service inflatable PFDs. The two steps to lifesaving with the inflatable PFDs are "check it and wear it." The national safe boating campaign adds, "An inflatable PFD will only take care of you if you take care of it."

The Coast Guard cautioned that inflatable PFDs are not recommended for non-swimmers and are not approved for children, since they may need to be activated by the user. However, standards for a hybrid inflatable PFD that incorporates buoyancy material have been approved for children.

For additional information or photos of the ceremony, contact Bob Markle of the Lifesaving and Fire Safety Standards Branch at (202) 267-1444 or write to the Commandant (G-MMS), U.S. Coast Guard Headquarters, 2100 Second St., SW Washington, DC 20593-0001. Copies of the final rule are available from the Coast Guard InfoLine, 1-800-368-5647.

An electronic version of this document can be obtained via the World Wide Web at: <http://www.dot.gov/affairs/index.htm>

Center for Technology Risk Studies (CTRS)

On May 17, 1996, the University of Maryland A. James Clark School of Engineering will open the Center for Technology Risk Studies (CTRS). The primary theme of the activities of the Center is that all engineering systems and technologies are similar in their basic structure. Whether mechanical, electronic or chemical, systems, they can be described in terms of their overall goals, functional requirements, hardware, software and human interfaces required to implement the functions. Therefore, many of the risk analysis tools and techniques for the risk-based analysis of such complex systems, which have been developed by the researchers at the University of Maryland or adopted from outside are relevant across the board. Such tools and techniques will be employed to assess technological systems, to explore the ways in which systems can fail, and to evaluate the risk implications of such failures. As such, since engineering systems can be systematically evaluated and their risk measured, regulations consistent with their risk can be devised. Risk management and other risk-based analyses can be performed at the center. The Center also serve as an umbrella organization to bring social, psychological, economic and public affair experts together to solve the multi-disciplinary issues that the Center would face. The Center also plays the role of an

NEWS (CONT'D)

independent mediator between regulators and the regulated industries. The independent and competent voice of the Center helps allay public concerns over risk issues that both regulators and the regulated industries may debate over.

Risk analysis techniques will be used to assess marine systems. Risk analysis is a technique for identifying, characterizing, quantifying, and evaluating hazards. It is widely used by private and government agencies to support regulatory and resource allocation decisions. Risk analysis consists of two distinct phases: a qualitative step of identifying, characterizing, and ranking hazards; and a quantitative step of risk-based evaluation, which includes estimating the likelihood (e.g., frequencies) and consequences of hazard occurrence. After risk has been quantified, appropriate risk-management options can be devised and considered; risk-benefit or cost-benefit analysis may be performed; and risk-management policies may be formulated and implemented. The main goals of risk management are to minimize the occurrence of accidents by reducing the likelihood of their occurrence (e.g., minimize hazard occurrence); reduce the impacts of uncontrollable accidents (e.g., prepare and adopt emergency responses, better maintenance and overhaul); and transfer risk (e.g., via insurance coverage). The estimation of likelihood or frequency of hazard occurrence depends greatly on the reliability of the system's components, the system as a whole (i.e., human-software-hardware interactions). The Maritime Systems Division of CTRS provides a focus on maritime systems with all their associated problems, issues, attributes, and decisions.

40th Anniversary of Containerization Celebration, Intermodalism at Work

On April 26, 1956, a trucker loaded pre-packed vans onto a converted freighter, Ideal-X, at Port Newark, NJ, and sailed the vessel to the Port of Houston. Mr. Malcom P. Mclean's, founder of Sealand Service, experiment was to be the inauspicious beginning of a transportation mode that would revolutionize the way we move cargo throughout the world--across land and sea—and would open up every corner of the globe to trade—true intermodalism. Now, four decades later, we will celebrate the genius of the system, how it changed world commerce and had the single greatest impact on shipping since sail turned to steam.

On April 26, 1996 in New York City celebrating 40 years of containerization, Mr. Malcom P. Mclean spoke along with guest speaker Dr. Henry Kissinger. Dr. Kissinger reflected on the importance of place to world trade and noted the miracle of containerism could not have happened if Dr. Kissinger and others had not promoted world peace. ADM Robert E. Kramek, USCG Commandant was a member of the International Honorary Committee.

Dr. Kissinger made a very substantial presentation on world trade and noted the importance to the U.S. of China and Russia and laid out potential problems and solutions.

Coast Guard Notes Unpaid Inspection Fees

The Coast Guard is concerned that many vessel owners are in for and unpleasant surprise when they call for an inspection on or after May 1, 1996. As of March 1, the record for unpaid inspection fees stands at 21 percent, with the majority of those (61 percent) owed by operators of small passenger vessels. PVA has worked hard to achieve some relief for operators of small passenger vessels, but the legislation that would cap the small passenger vessel inspection fees at \$300 and \$600 has not cleared up in the congressional process. Even if that legislation were to pass, however, there is no provision for retroactive relief and implementing regulations may take some time to adopt.

The unhappy fact is that if you have been billed for inspection fees in the past and those fees have not been paid, the Coast Guard may refuse to inspect your vessel, thereby putting your Certificate of Inspection at risk.

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Coast Guard Application for Recertification of Cook Inlet Regional

The Coast Guard announces the availability of the application for recertification submitted by the Cook Inlet Regional Citizens' Advisory Council (CIRCAC) for June 1, 1996, through May 31, 1997. The application may be reviewed at the Cook Inlet Regional Citizens' Advisory Council's Office, 910 Highland Avenue, Kenai, Alaska 99611-8033, between the hours of 8:00 am and 5:00 pm, Monday through Friday, except Federal holidays. The telephone number is (907) 283-7222. The Coast Guard seeks comments on the application from interested groups. The Coast Guard will publish a later notice in the Federal Register to notify the public of its decision regarding the recertification request.

Coast Guard Awards \$8.9 Million Contract for Construction of New Coastal Patrol Boats

Transportation Secretary Federico Peña announced that the USCG has awarded an \$8.9 million contract to Bollinger Shipyards, Inc., of Lockport, LA, to design and construct a new 26.5 meter coastal patrol boat.

The initial contract award includes the design and construction of a lead ship with options for up to 50 additional cutters. Bollinger Shipyards, Inc. said the contract would create approximately 100 new jobs. Bollinger had previously constructed 49 110-foot island class cutters between October 1984 and March 1992.

The new Coastal Patrol Boats will be the first of an expected 31 to 51 cutters and will be named *CONDOR*. This new cutter class will replace the thirty-seven 82 -foot Point Class cutters currently in service.

Secretary Peña said, "Safety is President Clinton's top transportation priority, and new design and equipment upgrades make this class of patrol boat better suited for search and rescue, marine environmental protection and recreational boating safety missions.

Mission areas for the 26.5 meter class cutters include enforcement of laws and treaties, search and rescue, marine environmental protection/response and military readiness.

CONDOR will be equipped with state of the market systems and equipment incorporating proven technology.

For further information, contact Coast Guard Public Affairs at U.S. Coast Guard Headquarters, Commandant (G-CP-2), 2100 Second Street, SW, Washington, DC 20593-0001, or tel.: (202) 267-0932.

IMO/ISO TC-8 Work Items of Mutual Interest

ISO/TC-8 is the International Organization for Standardization (ISO) Technical Committee for Ships and Marine Technology. This Committee develops international standards related to shipbuilding, ship design, marine equipment, and ship operations. One of the goals ISO/TC-8 is to complement the work of IMO by developing standards that can be adopted in IMO instruments.

ISO/TC8 was established in 1947 as the Committee on Shipbuilding and Marine Structures. Recognizing the need to serve the entire marine industry's collective interests for standards, the scope of ISO/TC-8 was expanded to include ship owner/operators, designers, labor, shipbuilders and repairers, and the allied industries. Thus, TC-8 became "Ships and Marine Technology." ISO/TC-8 is responsible for :

"Standardization of design, construction, structural elements, outfitting parts, equipment, methods and technology, and marine environmental matters, used in shipbuilding and the operation of ships, comprising seagoing ships, vessels for inland navigation, offshore structures, ship-to-shore interface and all other marine structures subject to IMO requirements."

The ISO/TC-8 plan is to serve as a linking instrument between the International Maritime Organization (IMO), which sets the requirements and regulations, and the

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Tankermen Rule Reopened

international shipping and shipbuilding industry. The U.S. industry has opportunities for direct input through the U. S. TAG (Technical and Advisory Group) which has U.S. industry and government members who canvas the U.S. maritime communities to assess impact and make suggestions for changes or submit new standard proposals.

The Coast Guard reopened the comment period on its interim rule concerning the qualifications for tankermen. The agency originally published the rule on April 4, 1995. Evaluation of previously submitted comments revealed certain issues that required further consideration including various provisions within the STCW Convention. The Coast Guard is attempting to harmonize the tankermen regulations with Chapter V of the STCW which takes effect on October 1, 1996. The effective date of the rule remains unchanged from March 31, 1996. Comments are due by May 27, 1996.

National Offshore Safety Advisory Committee (NOSAC)

The Coast Guard is seeking applications for appointment to membership on NOSAC. Completed applications and supporting documentation should be submitted to the USCG before November 30, 1996. Persons interested in applying for membership on NOSAC may obtain an application form by writing to Commandant (G-MOS-2), U.S. Coast Guard, Room 1210, 2100 Second Street SW, Washington, DC 20593-0001, or calling the points of contact listed in the following paragraph.

NOSAC provides advice and makes recommendations to the Chief, Marine Safety and Environmental Protection Directorate, on safety and rulemaking matters related to the offshore mineral and energy industries. NOSAC consists of 14 regular members who have particular expertise, knowledge, and expertise regarding the transportation and other technology, equipment, and techniques that are used, or are being developed for use, in the exploration or recovery of offshore mineral resources. The advice and recommendations of NOSAC also assist the USCG in formulating U.S. positions at meetings of the International Maritime Organization.

NOSAC meets at least once a year at USCG Headquarters in Washington, DC. Special meetings may also be called Subcommittee meetings are held as required to consider specific problems.

Applications will be considered for four positions that expire or become vacant in January 1997. To be eligible, applicants should have experience in offshore operations, diving services, pipelaying, and general public interest associated with offshore activities. Persons selected as "general public" members are required to complete a Confidential Financial Disclosure Report, SF450, annually. The purpose of this report is to determine compliance with conflict of interest laws. This report will not be disclosed to any person unless release is authorized by law, such as in response to a subpoena in an administrative or court proceeding. Each member serves a term of 3 years. A limited portion of the membership may serve consecutive terms. Members of NOSAC serve at their own expense, and receive no salary, reimbursement of travel expenses, or other compensation from the

Federal Government. For further information contact: Captain Robert L. Skewes, Executive Director, or Mr. James M. Magill, Assistant to the Executive Director, NOSAC, at (202) 267-1181, or by fax at (202) 267-4570.

Commercial Fishing Industry Vessel Advisory Committee (CFIVAC)

The Coast Guard is seeking applications for appointment to membership on CFIVAC. Completed applications and supporting documentation should be submitted to the USCG before August 1, 1996.

Persons interested in applying for membership on CFIVAC may obtain an application form by writing to Commandant (G-MOS-2), U.S. Coast Guard, Room 1210, 2100

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Second Street SW, Washington, DC 20593-0001, or by calling the points of contact listed in the following paragraph.

As required by the Commercial Fishing Industry Vessel Safety Act of 1988, the Coast Guard established the CFIVAC to provide advice to the Coast Guard on issues related to the safety of commercial fishing vessels regulated under chapter 45 of Title 46, United States Code, which includes uninspected fishing vessels, fish processing vessel; one member representing naval architects or marine surveyors; one member representing manufactures of equipment for vessel to which chapter 45 applies; one member representing education or training professionals related to fishing vessel, fish processing vessel, or fish tender vessel safety, or personnel qualifications; one member representing underwriters that insure vessels to which chapter 45 applies; and three members representing the general public, including whenever possible, an independent expert or consultant in maritime safety and a member of a national organization composed of persons representing owners of vessels to which chapter 45 applies and persons representing the marine insurance industry.

The CFIVAC meets at least once a year at different seaport cities nationwide. Special meetings may also be called. Subcommittee meetings are held to consider specific problems as required.

Applications will be considered for five positions that expire or become vacant in October 1996 in the following categories: (a) Commercial Fishing Industry (three positions); (b) Naval Architect or Surveyor (one position); and (c) General Public (one position). Persons selected as general public members are required to complete a Confidential Financial Disclosure Report, SF450, on an annual basis. The purpose of the report is to determine compliance with conflict of interest laws. This report will not be disclosed to any person unless release is authorized by law, such as in response to a subpoena in an administrative or court proceeding. Each member serves for a term of 3 years. A limited portion of the membership may serve consecutive terms. Members of the CFIVAC serve without compensation from the Federal Government, although travel reimbursements and per diem are provided.

For further information contact CDR Adam D. Guerrero, Executive Director, or Lieutenant Commander Mark D. Bobal, at (202) 267-1181, or by fax at (202) 267-4570.

LORI Skimmer Deliveries in North America

[As reported in the March issues of Marine Update.]

Hyde has delivered a number of LORI Oil Recovery Systems to US Oil Spill Response Organizations. Clean Pacific Alliance (CPA) took delivery in late February of the OSRV *C.P. COLUMBIA*, a converted 1126 ft. x 30 ft. utility boat outfitted with built-in LORI Oil Recovery Systems. The vessel, on charter from Seacor Marine, was converted specifically for this service and will operate out of Astoria, OR.

Special LORI Oil recovery Channels with hydraulically operated doors were installed in the vessel sides and these channels were fitted with LORI 5-chain brush packs. A central hydraulic system, oil transfer pumps, outrigger arms, deck cranes, and a large boom storage reel, as well as other equipment and vessel modifications were completed.

The *C.P. COLUMBIA* LORI systems offer a total sweep width of 90 ft. and a sweeping speed of 2.5 to 3.0 knots. TEDRC for the system is 12,379 BPD. She carries 2500 ft. of Ocean Containment Boom and has 600 bbls of onboard storage capacity.

CPA is a new West Coast OSRO. The company is a joint venture between Crowley Marine Services and National Response Corporation.

NEWS (CONT'D)

New Classification Process for Oil Spill Removal Organizations (OSROs)

Clean Seas, of Carpinteria, CA, will convert the OSRV "Mr. Clean" to a LORI Skimming Vessel late this summer. Construction plans are being completed to add LORI recovery channels and hydraulically operated doors in the sides of the hull. Two sets of 5-chain Brush Packs, heavy duty sweeping booms, and DOP-250 pumps have been delivered to the Clean Seas Yard for this project and will be installed when modifications to the vessel are complete.

Meetings were held by the USCG in Seattle, WA and Houston, TX to discuss the new classification process for Oil Spill Removal Organizations (OSROs). In Seattle the meeting was the more contentious of the two, and OSRO representatives expressed vigorous concern over the requirement that a responder demonstrate the ability to move large amounts of boom (up to 48,000 feet) fifty miles offshore within the specified time limits.

Two of the Coast Guard's representatives Christine Burk, chief of the logistics and inventory branch for the National Strike Force, and LT. Terry Hoover suggested that it may be possible to discuss modifications to the boom transportation standards, and noted that companies do have the opportunity to document faster transportation capability than the automatic standards used in the classification process. Even with some degree of flexibility, there was a question as to whether any OSRO could meet the letter of the requirements with current response capacity. Some of the emphasis of the Coast Guard presentation was that many capable OSROs who currently have a classification is one of the A to E categories will not meet the new standards. The vessel owners who have relied on the Coast Guard's OSRO classification as evidence of an adequate response plan may receive letters later this year notifying them their plan is no longer adequate. The Coast Guard representatives suggested that many operators would have to focus more on the details of their response plan and less on the letter classification, in some cases contracting with several different OSROs to put together an adequate plan.

OSROs that want a classification from the Coast Guard must submit an application in May. Interim classifications (which will now be issued separately for each (CTOP) Captain of the Port Zone) for all OSROs applying are expected to be out by the end of July. After that process is complete, the Coast Guard will be notifying planholders of any inadequacies.

1996 SNAME Publications

Here are some of the new publications that the Society of Naval Architects and Marine Engineers (SNAME) is putting out in its 1996 SNAME Catalog of Publications: 20th ITTC International Towing Tank Conference, Ship Structures Symposium, Propellers/Shafting Symposium, Marine Structural Inspection, Maintenance, and Monitoring Symposium and Ship Operations Management and Economics Symposium. For price and information on how to order to this publications contact SNAME at publication Sales 601 Pavonia Avenue, Jersey City, NJ 07306 or dial toll free at (800) 798-2188 or 24 hour fax at (201) 798-4975.

Announcing Four New Books from SNAME

Applied Naval Architecture, by Robert B. Zubaly

Intended for undergraduate students in many of the disciplines in maritime affairs, including marine engineering, marine transportation, nautical science, shipbuilding or ship production, marine electrical engineering, meteorology, and oceanography.

Introduction to Naval Architecture, by Eric Tupper
(Formerly *Muckle's Naval Architecture for Marine Engineers*)

As with all branches of engineering, naval architecture is changing dramatically as a

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result of modern technology. Because of the rate of change, new texts are required not only by those beginning a career in the profession but also by those already involved who wish to keep their knowledge updated. This book is intended only as an introduction to naval architecture. It sets out to educate those who need some knowledge of the subject in their work.

Fiberglass Boat Design and Construction, by Robert J. Scott

This book presents the small boat designer and builder with a basic insight into the nature of fiberglass as a boatbuilding material, as well as a sound, yet simple approach to analyzing fiberglass boat hull structures. This book is well illustrated and includes many step-by-step examples.

A History of Canadian Marine Technology, by Keith Farrell

This book is intended to provide an authentic record of recent Canadian initiatives in ocean and marine engineering, which will provide both practicing engineers and students with a concept of the many benefits obtained from the applications of marine knowledge.

Information provided by SNAME. To order, call the SNAME Service Center at 1-800-798-2188 or fax your order to (201) 798-4975.

PTP Response to Grounding of *M/V ST. CLAIR*

An innovative approach to accident prevention and investigation, Prevention Through People (PTP) involves looking at how the human element contributes to incidents, and what can be done to minimize that element. MSO Duluth implemented many of the principles of PTP in its investigation of the grounding of the *M/V St. Clair*. They looked beyond the accident to its root cause. On April 29, 1995, *St. Clair* ran hard aground on Lake Superior's north shore just south of the entrance to Taconite Harbor, Minnesota, and suffered \$1.4 million in damages. During refloating operations the Master suffered what was later reported to be a stroke. Company records showed that he did not have an adequate physical exam prior to sailing. It was later revealed that a combination of medications taken by the master for diabetes, imprudent dietary habits and a cardiac condition may have led to impaired judgement at the time of the grounding.

To investigate possible root causes for the grounding MSO Duluth conducted an informal survey of the major shipping companies on the Great Lakes regarding company policies for the required annual physicals. They found that the company policies varied greatly in regards to complete and accurate exams. In response to this variety of records MSO Duluth prepared Marine Safety Bulletin 96-01 (Annual Physical Examination Requirements for Pilots of Vessels 1600 Gross Tons and Over) in an effort to ensure consistent reporting of the exams and to clarify the type of information required. The Ninth District also added a PERSONNEL Section to the company requirements for the Streamlined Inspection Program (SIP) being developed for the Great Lakes. It includes checks of licenses/MMDs, required endorsements, required program. As more people apply the principles of the PTP we get closer to the vision of the program "to achieve the world's safest, most environmentally sound and cost-effective marine operations by emphasizing the role of people in preventing casualties and pollution."

USCG Announces Environmental Award Program

The USCG announced that application brochures are available for the second annual William M. Benkert Marine Environmental Protection Award program. The award recognizes environmental excellence and achievement in maritime operations by marine vessel and facility operators.

The award is named in honor of Rear ADM William M. Benkert (1923-1989), a

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distinguished Coast Guard officer known for his leadership and vision in marine environmental protection. It is presented annually for outstanding marine environmental protection achievements that extend beyond compliance with industrial and regulatory standards.

Coast Guard officials said the objectives of the William M. Benkert Award are to increase public awareness of the importance of protecting the marine environment; encourage adherence to the international environmental management system protocol being developed by the International Standards Organization; encourage innovations in operations, maintenance, cargo handling, waste management, training and other industrial activities; and provide a means for winners to share their successful methods and techniques with others in the industry.

Organizations will be evaluated in four award categories based on the size of the company and type of operations. They are:

- Environmental management precepts and practices;
- Organizations management practices, activities, programs and services;
- Organizations outreach and partnership activities;
- Organizational ability to measure and monitor environmental performance.

The award application process for 1996 has been redesigned. The evaluation criteria are streamlined and better focused, and the award application report is now 13 instead of 36 pages.

The 1996 award selection process will begin in August and conclude in October. Presentation of the William M. Benkert Awards will be in November.

Information on the program is available from local Coast Guard marine safety offices and captains of the port by writing to: Commandant (G-MRO-1), U.S. Coast Guard Headquarters, 2100 Second St., SW, Washington, DC 20593-0000.

Call for Papers at the 1997 International Oil Spill Conference

The 15th Biennial International Conference on the Prevention, Behavior, Control, and Cleanup of Oil Spills will be held April 7-10, 1997, at the Fort Lauderdale Convention Center, Fort Lauderdale, Florida, USA.

The conference theme for 1997 is "Improving Environmental Protection—Progress, Challenges, Responsibilities." Within the scope of the theme, there is hope to stimulate significant domestic and international discussion over the realities of where, globally, we are in our prevention of, and response to, coastal and inland oil spills.

The organizers hope to elicit ideas on what must be done, and who is responsible for, improvements to our oil spill posture. A clear, shared awareness and understanding of the obstacles they faced is essential. Cooperation and sharing of information—between governments and industry, researchers and responders, and developed and developing nations—will help all of us make the most of progress in environmental protection.

The organizers encourage technical presenters, through quality papers, to challenge attendees to improve the stake in environmental protection. The Abstract Form must be used for all submissions. Deadline for papers is May 17, 1996. Detailed information may be obtained by contacting:

CDR Mark Johnson, US Coast Guard (G-MRO) Room 2100

2100 Second Street, SW, Washington, DC 20593 U.S.A. Telephone, (202) 267-6860, Fax, (202) 267-4065

NEWS (CONT'D)**Courses Approval
Update Since March
Newsletter**

SCHOOL	COURSE	EFFECTIVE DATE
Cenac Environmental Services [Houma, LA]	Tankerman - PIC Barge, Dangerous Liquids (DL)	Apr 1, 1996
Charter Industry Services, Inc. [Stuart, FL]	OUPV, and Deck License Refresher (200 GT)	Apr 1, 1996
Hawaii Maritime License Center [Honolulu, HI]	Tank Barge Firefighting	Apr 1, 1996
Kirby Marine Transportation Co. [Channelview, TX]	Tankerman - PIC Barge, Dangerous Liquids (DL)	Mar 1, 1996
Maine Maritime Academy [Castine, ME] (ARPA)	Automatic Radar Plotting Aids	Nov 1, 1995
Maritime Institute [San Diego, CA]	Limited Deck Licenses and Assist. Towing	Apr 1, 1996
Marine Safety Consultants/ Tidewater School of Navig'n [Norfolk, VA]	Tankerman - PIC (DL) Barge/Ship, Dangerous Liquids	Jun 1, 1995
New England Maritime Exam Prep [Hyannis, MA]	Launchtender [Limited Deck]	Apr 1, 1996
The River School [Memphis, TN]	Tankerman - PIC Barge, Dangerous Liquids (DL)	Apr 1, 1996
Southern California Merchant Marine Training Services [San Diego, CA]	Practical Knot [Tying]	Apr 1, 1996
State University of New York Maritime College [Bronx, NY]	Bridge Resource Management	Jan 1, 1996

Guide to Abbreviations Used Above:

GT	gross tons
MMD	merchant mariner's document
OUPV	operator of uninspected passenger vessels
PIC	person in charge

**What's New on the
World Wide Web**

New or updated items on our Web include

- Interim Report on Tank Vessels
- Several New or updated Regulations
- The IMO guidelines for Port State Control

The WWW address is: <http://www.dot.gov/dotinfo/uscg/hq/g-m/gmhome.htm>

G-M REGULATORY PROJECTS

OPA 90

The list of studies, reports, and rulemakings is a listing of pending projects. Within each section, projects are arranged sequentially according to the section number of the Act.

The number in parentheses following the abbreviated project title is the OPA 90 project number. When calling to request additional information, please reference this number.

To support the President's regulatory reinvention initiative (PRRI), the Coast Guard has embarked on an ambitious mission to reinvent and eliminate regulations that are obsolete, outdated, or that place U.S. businesses at a competitive disadvantage to foreign industry. This project is a high priority for the Coast Guard that will impact other project time schedules. The Coast Guard is readjusting the schedules for non-PRRI projects and will update the project schedules in the newsletter as appropriate.

**SEC.1013(e)
Claims Procedures (8)
and SEC.1014(b)
Designation of Source
and Advertisement (9)**

Addresses the presentation, filing, processing, settlement and adjudication of claims against the Fund, as well as the advertisement of designation and the notification of claims procedures.

Status: Final Rule.

Contact: Mr. Skall, tel.: (703) 235-4700, fax: (703) 235-4838

**SEC.1016(a)
Financial Responsibility
(10)**

Requires vessel owners and operators to demonstrate and maintain evidence of financial responsibility meeting the limits of liability established by section 1004(a) of OPA 90.

Status: Final Rule published March 7, 1996

Contact: LCDR Steve Carpenter, tel.: (703) 235-4708, fax: (703) 235-4838

**SEC.3002
U.S.-Canada Great Lakes
Oil Spill Cooperation and
SEC.3003
U.S.-Canada Lake
Champlain Oil Spill
Cooperation (12 and 87)**

Requires the Department of State to review international agreements and treaties with the Government of Canada regarding the prevention of oil discharges, assurance of removal of oil, and full compensation to those injured by a discharge on the Great Lakes and Lake Champlain.

Status: Discussions ongoing between U.S. and Canada. U.S. and Canadian Coast Guard met on 22 February to discuss reciprocity regarding response plans on vessels.

Contact: LT Cliff Thomas, tel.: (202) 267-1099

**SEC.4103
CGD 94-101
Suspension and
Revocation of Licenses,
Certificates of Registry,
and Merchant Mariner's
Documents for Alcohol
and Drug Abuse (19)**

Will allow the USCG to temporarily suspend and take possession of a license, COR, or MMD before a hearing under certain circumstances; adds two new bases under which merchant mariner credentials may be suspended or revoked; and imposes a new requirement on a mariner that must be satisfied before merchant mariner credentials can be issued after revocation.

Status: Will be merged with 94-111, Update 46 CFR 5, Personnel Action. (See Projects 18 and 21)

Contact: LT. J. Griffin, tel.: (202) 267-0687

**SEC.4106(b)
CDG 91-216
Reporting Marine
Casualties (23)**

Requires that oil and hazardous materials discharges be reported to the USCG. Adds "significant harm to the environment" to the list of reportable marine casualties. Includes reporting a marine casualty involving a citizen of the U.S. on a foreign flag passenger vessel.

Status: Regulations are being developed.

Contact: ENS Nguyen, tel.: (202) 267-1100, fax: (202) 267-4547

G-M REGULATORY PROJECTS (CONT'D)

SEC.4111 Study on Tanker Navigation Safety Standards (30)

Requires the Secretary to report on the adequacy of existing laws and regulations to ensure the safe navigation of vessels transporting oil.

Status: Study is being conducted in 12 parts. Congress will review periodic reports as sub-studies are completed.

Contact: Mr. Bruce Novak, tel.: (202) 267-6819, fax: (202) 267-4547

SEC.4113 (a and b) Use of Liners (33)

EPA is determining if liners should be used to prevent leaking at onshore facilities located near navigable waters that are used for the bulk storage of oil.

Status: EPA will make recommendations in a report which is currently being drafted. Next action undetermined.

Contact: Mr. Mould, tel.: (703) 603-8728, fax: (703) 603-9116

SEC.4115 Marine Board OPA 90 Implementation Review

Status: The Marine Board of the National Academy of Sciences has been retained by the Coast Guard to study the effects of the implementation of Section 4115 of OPA 90 on the marine oil transportation industry. The two-year study commenced in February 1995. An interim report is expected to be released around January 1996.

Contact: Mr. Sirkar, or Mr. Klingel, tel.: (202) 267-6925 or (202) 267-6826

SEC.4115(a) Research in Tanker Groundings (38A)

This non-mandated study is being conducted by the USCG to determine if regulations are needed to implement this section of the Act. This study explores the behavior of tanker structures during groundings.

Status: Research is being conducted at MIT, Final Report should be complete Summer 1996.

Contact: Mr. Sirkar, tel.: (202) 267-6925

SEC.4115(b) Existing Tank Vessel Requirements (37)

Requires additional structural and operational measures for single-hull tank vessels, of 5000 gross tons or more, until the phase-out date, to reduce pollution.

Overall Status: SNPRM on Operational Measures published November 3, 1995 (60 FR 55904) and discussed in the November 1995 issue of the Marine Safety Newsletter. SNPRM on Structural Measures was published December 28, 1995 (60FR 67226) with a comment period that was extended until April 10, 1996. A correction notice was also published for Table 2 of the SNPRM on February 21, 1996 (61 FR 6590). A public meeting was held on March 19, 1996.

Phase I: A final rule consisting of requirements for lightering equipment and the reporting of a vessel's international IMO number prior to port entry was published August 5, 1994 (59 FR 40186).

Phase II: A supplemental NPRM outlining operational measures including training requirements, survey requirements, and some maneuverability measures has been proposed on November 3, 1995 to focus on reducing the accident risk of these vessels. (60 FR 55904)

Phase III: A supplemental NPRM detailing the structural requirements reviewed for these vessels and also other alternative measures for reducing the outflow of oil if the vessel becomes damaged. The SNPRM was published on December 28, 1995 (60 FR 67226).

Contacts: Phase I: Mr. Bob Gauvin, tel.: (202) 267-1053, fax: (202) 267-4690

Phase II III: LCDR Englebert, tel.: (202) 267-1492, fax: (202) 267-4547

G-M REGULATORY PROJECTS (CONT'D)

**SEC.4115(c)
Escorts for Certain
Tankers; Other
Geographic Areas (44a)**

Designates U.S. waters (other than PWS, AK and Puget Sound, WA) where single hull tankers must be escorted.

Status: USCG is reviewing comments from the ANPRM and public hearings. USCG considering public comments and NPRM is being drafted.

Contact: Mr. Jordan, tel.: (202) 267-2988, fax: (202) 267-4816

**SEC.4202(a)
(FWPCA 1321(j)(6))
Removal Equipment
Requirements and
Inspection/Contractor
Classification (90) and
(91)**

Requires the inspection of containment booms, skimmers, vessels, and other major equipment used to remove discharges. To facilitate compliance by industry and verification of compliance by the Federal Government with this provision and with the response plan requirements, the USCG is working with ASTM to develop consensus standards for terminology, guidelines, recommended practices, and equipment test methods. Also, although not specifically required by OPA 90, standards for classifying OSROs by their estimated capacity to contain and remove oil spills facilitates response plan preparation by industry, plan review by the Federal Government, and OSROs' ability to evaluate their own capability.

Status: Rulemaking activities deferred. OSRO guidelines issued January 3, 1996.

Contact: LT Hoover, tel.: (202) 267-0448, fax: (202) 267-4085

**SEC.4202(a)
CDG 94-032
Tank Vessel Response
Plans: Hazardous
Substances (95)**

Requires owners or operators of tank vessels carrying hazardous substances to submit a response plan for worst case discharges.

Status: ANPRM in final clearance.

Contact: LT Thomas, tel.: (202) 267-1099, fax: (202) 267-4547

**SEC.4202(a)
CDG 94-048
Facility Response Plans:
Hazardous Substance (96)**

Requires owners or operators of onshore marine transportation-related facilities to submit a response plan for worst case discharges of hazardous substances.

Status: ANPRM in final clearance

Contact: LT Thomas, tel.: (202) 267-1099, fax: (202) 267-4547

Non-OPA 90 Regulatory Projects

The following is an outline of other G-M regulatory projects including their status and completion dates. The Marine Safety Newsletter will update this listing as new projects develop.

To support the President's regulatory reinvention initiative (PRRI), the Coast Guard is eliminating regulations that are obsolete, outdated, or that place U.S. businesses at a unnecessary competitive disadvantage to foreign industry. This project is a high priority for the Coast Guard that will impact other project time schedules. The Coast Guard is readjusting the schedules for non-PRRI projects and will update the project schedules in the newsletter as appropriate.

**CGD 79-116
Tankerman**

Rulemaking would define and establish more stringent qualifying criteria for individuals engaged in transporting and transferring various categories of oil and dangerous liquid Cargoes.

Status: IFR published April 4, 1995 (60 FR 17134), effective March 31, 1996. The comment period closes on May 28, 1996.

Contact: Mr. Mark Gould, tel.: (202)267-6890

**CGD 84-069
Lifesaving Equipment-
Implementation of 1983
Amendments to SOLAS
1974**

Project would implement the provisions of the 1983 amendments to SOLAS 1974 (Safety of Life at Sea) which came into force in July 1986. It would also reorganize the lifesaving equipment regulations in order to simplify, clarify, and reduce redundancy.

Status: INTERIM RULE is being written.

G-M REGULATORY PROJECTS (CONT'D)

CGD 85-080

Small Passenger Vessel Inspection and Certification

Contact: Mr. Bob Markle, tel.: (202) 267-1076

This rulemaking revises subchapters S and T and creates a new subchapter K to reflect statutory changes, incorporate new technology, and improve safety requirements.

Status: IFR published, on January 10, 1996 (61 FR 864). Comment period ends on June 10, 1996.

Contact: LT Eric Christensen, tel.: (202) 267-1055

CGD 85-205

Revision to Inflatable Liferaft Approval: SOLAS 74/83

This project will establish approval requirements for inflatable liferafts meeting the 1983 Amendments to the 1974 Safety of Life at Sea Convention.

Status: FR being drafted.

Contact: Mr. Kurt Heinz, tel.: (202) 267-1079.

CGD 86-074

Offshore Supply Vessel Regulations

Regulations will consolidate existing offshore Safety Vessel standards and policy into a single subchapter and make specific revisions to accommodate the unique characteristics and methods of operation and the service in which the vessels are engaged.

Status: IFR published on November 16, 1995 (60 FR 57630).

Contact: Mr. Jim Magill, tel.: (202) 267-1082.

CGD 88-079

Implementation of the Commercial Fishing- Industry Vessel Safety Act

The project addresses survival draft for commercial fishing vessels, the granting of exemptions from survival craft requirements and technical changes to the supplemental notice of proposed rulemaking.

Status: INTERIM RULE clearance.

Contact: LCDR Mark D. Bobal, tel.: (202) 267-0836.

CGD 89-050

Vessel Identification System

Project establishes a Vessel Identification System (VIS). Rulemaking will prescribe the manner and form for participating States to make information available for VIS; to establish guidelines for State vessel titling systems; and to establish procedures for certifying compliance with those guidelines.

Status: IFR published April 25, 1995 (60 FR 20310). Notice of delay of effective date for Sub part I published Feb 23, 1996.

Contact: LCDR Rick Ferraro, tel.: (202) 267-0386.

CGD 91-012

Security for Passenger Vessels and Passenger Terminals

This action will improve security measures on passenger vessels engaged in international voyages of 24 hours or more, and on the port facilities serving these vessels.

Status: Final Rule is in clearance.

Contact: CDR Dennis Haise, tel.: (202) 267-6451.

CGD 92-013

User Fees For Approvals of Equipment, Laboratories, and Servicing Facilities

This regulatory project would establish direct user fees for Coast Guard services relating to equipment approvals, factory inspections, acceptance of independent laboratories and acceptance of servicing, repair, and testing facilities.

Status: Project being reviewed

Contact: Mr. Jack Klingel, tel.: (202) 267-6826

CGD 93-055

Approval of Inflatable Personal Flotation Devices for Recreational Boaters

The rulemaking establishes approval procedures for inflatable personal flotation devices (PFDs).

Status: NPRM published June 23, 1995 (60 FR 32861). Comment period ended October 23, 1995. Final Rule published March 28, 1996 (61 FR 13924).

Contact: Mr. Kurt Heinz, tel.: (202) 267-1444

G-M REGULATORY PROJECTS (CONT'D)

CGD 93-056 Facilities Transferring Oil and Hazardous Material in Bulk

This rulemaking will revise the provisions of 33 CFR part 154 to provide regulations covering facilities transferring oil or hazardous materials that are clearer than the current regulations and promote a high level of safety and environmental protection.

Status: NPRM published February 23, 1995 (60 FR 10044). FR being drafted.

Contact: LCDR John Farthing, tel.: (202) 267-0505.

CG 94-004 Amendment to 46 CFR 14—Revise Record- keeping of Shipping Articles and Certificates of Discharge

Coast Guard proposes to eliminate the requirement for maritime operating companies to submit copies of shipping articles, certificates of discharge, and other seamen employment documents to the Coast Guard. Companies will still be required to submit information contained in the certificates of discharge, but will be allowed to submit the required information electronically.

Status: NPRM published March 28, 1996 (61 FR 13796). Comment period closes on May 30, 1996.

Contact: Mrs. Justine Bunnell, tel.: (703) 235-1951

CGD 94-020 Navigational and Safety Equipment for Towing Vessels (103)

Proposed rulemaking amends 33 CFR part 164 to require towing vessels of 8 meters or more in length to carry specified navigation equipment. A marine radar, a searchlight, appropriate charts, current publications, proper towlines, magnetic compasses, electronic positioning devices, and depth sounding devices are proposed depending on the area of operation. These proposed rules were written in conjunction with the Towing Safety Advisory Committee (TSAC), the Navigation Safety Advisory Council (NAVSAC), and public comment. It is part of a comprehensive initiative by the USCG to improve navigational safety for towing vessels.

Status: NPRM published on 3 Nov 1995 (60 FR 55890). Comment period closed Feb 1996.

Contact: LCDR Englebert, tel.: (202) 267-1492, fax.: (202) 267-4547

CGD 94-029 Modernization of Examination Methods

This rule will amend 46 CFR parts 10 and 12 to allow other than written exams, and third party testing.

Status: NPRM 60 FR 10053 - 2/23/95. Final Rule published. May X, 1996, Effective date 30 days after Final Rule published.

Contact: Mr. Mark Gould, tel.: (202)267-6890.

CGD 94-040 Vessel Rebuild Determinations

This rulemaking would define relevant terms and develop a standard to determine the character and scope of work on a vessel that will result in a determination that the vessel has been rebuilt.

Status: Final Rule published April 22, 1996.

Contact: LTGJ M. Antonellis, tel.: (703) 235-8447

CGD 94-041 Radar-Observer Endorsement for Operators of Uninspected Towing Vessels

Coast Guard is amending its regulations to require that, at the time of license renewal, each licensed master, mate, and operator of a radar-equipped uninspected towing vessel of 26 feet or more in length obtain a radar-observer endorsement.

Status: IFR published on October 26, 1994 (59 FR 53754), Comment period ends on July 2, 1996 (60 FR 8308). The Coast Guard reopened for public comment on its Interim Rule May 1996 (61 FR). Comment period ends July 1996. Final Rule is being drafted.

Contact: LCDR Don Darcy, tel.: (202)267-0221

G-M REGULATORY PROJECTS (CONT'D)

CGD 94-089

Advance Notice of Arrivals, Departures, and Certain Dangerous Cargoes

This project will amend requirements for notice of arrival and departure in 33 CFR 160, Subpart C. Section 160.207 will now apply to non-excepted vessels over 300 gross tons destined for or departing from all ports and places of the United States, and to all non-excepted foreign vessels, regardless of tonnage, destined for or departing from all ports and places of the Seventh District.

Status: NPRM published January 17, 1996 (61 FR 1183). Comment period ends April 16, 1996.

Contact: CDR Dennis Haise, tel.: (202) 267-6451

CGD 94-108

Revision to Subchapter J—Electrical Engineering Regulations

This rulemaking will revise technical areas of 46 CFR Subchapter J to clarify electrical engineering design, construction, and testing requirements; to delete obsolete requirements; to reflect experiences with vessel reflagging; and to more closely parallel international standards.

Status: NPRM published 2 February 1996

Contact: Mr. Gerald Miente, tel.: (202)267-0029

CGD 94-110

Recreational Inflatable Personal Flotation Device Standards

Rulemaking will add regulations for the approval of inflatable personal flotation devices (PFDs) for use on recreational boats. These new regulations will establish structural and performance standards for these inflatable PFDs, as well as the procedures for Coast Guard approval of such inflatable PFDs.

Status: IFR published June 23, 1995 (60 FR 32836). Comment period extended until November 6, 1995 (60 FR 52631). Final Rule published March 28, 1996 (61 FR 13931).

Contact: Mr. Samuel E. Wehr, tel.: (202) 267-0262

CGD 94-111

Update 46 CFR 5, Personnel Action Regulations

This project would consolidate procedures for administrative hearings on the suspension and revocation (S&R) of merchant mariner's credentials (MMCs) and on class II civil penalties. It would also update and revise the remainder of 46 CFR part 5.

Status: Workplan being revised.

Contact: LT J. Griffin, tel.: (202)267-0687

CGD 95-010

Alternative Compliance

This rulemaking will provide owners of US tank vessels, passenger vessels, cargo vessels, miscellaneous vessels and mobile offshore drilling units an alternative method fulfill the requirements for vessel design, inspection, and certification. Under the rule, the Coast Guard will issue a certificate of inspection based upon a recognized classification society's report that the vessel complies with the International Convention for the Safety of Life at Sea, as amended (SOLAS), other applicable international conventions, classification society rules, and other specified requirements. This will reduce the burden on vessel owners and operators by eliminating duplicative plan reviews and inspections by the classification society and the Coast Guard.

Status: NPRM Published 22 June 95 (60 FR 32478) Comment Period Closed 20 Sep 95.

Contact: LCDR G. Cummings, tel.: (202)267-0171

CGD 95-027

Adoption of Industry Standards

This rulemaking will revise or remove sections of 46 CFR that are obsolete, unnecessary or excessive by addressing regulations that can be replaced with proven industry standards without degrading the existing level of safety.

Status: NPRM published on December 20, 1995 (60 FR 65988). Comment period closed on February 20, 1996. Final Rule is in clearance.

Contact: LCDR R. Butturini, tel.: (202) 267-0027

G-M REGULATORY PROJECTS (CONT'D)

CGD 95-028 Harmonization with International Safety Standards

This rulemaking will revise or remove sections of 46 CFR that are obsolete, unnecessary or excessive in order to harmonize the regulations with international safety standards.

Status: NPRM being drafted

Contact: LTJG J. Twomey, tel.: (202) 267-0028.

CGD 95-055 Revisions to OUTV Licenses

This rulemaking would revise the requirements for licensing those individuals that operate towing vessels. It would institute new licenses with levels of qualification and with enhanced training and operating experience. Further, it would require that all towing vessels be manned by officers holding licenses specifically authorizing such service. It is based on the investigation of a collision of a tug and barge with a railroad bridge, near Mobile, Alabama, in September 1993, which caused 47 deaths. The casualty prompted the Coast Guard's report, Review of Marine Safety Issues Related to Uninspected Towing Vessels. Some of the recommendations contained in the review will be incorporated into this rulemaking.

Status: NPRM being drafted.

Contact: LCDR Don Darcy, tel.: (202) 267-0221

CGD 95-062 1995 Amendments to STCW

This rulemaking will revise the current rules on licensing and documentation, as well as those on workhours and watchkeeping [46 CFR parts 10, 12, and 15] to reflect the requirements in the 1995 Amendments to the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978.

Status: NPRM published on March 26, 1996 (61 FR 13284). Comment period ends on July 24, 1996. Notice of public meeting published in Federal Register (61 FR 16749) on April 17, 1996.

Contact: Mr. Christopher Young, tel.: (202)267-0214

EVENTS

S.O.S. Safety on Ships

Title: S.O.S Safety on Ships: Learning from New York's Maritime Tragedies

Sponsor: The Seamen's Church Institute

Date: March 20- December 30, 1996

Location: The Seamen's Church Institute of New York and New Jersey, 241 Water Street New York, New York 10038

Contact: Andrea Laine, (212) 349-9090 ext-243, (212) 349-8342

Crisis and Emergency Management

Title: Exercising Why, When, and How: Gearing Up Your Crisis Management Program

Sponsor: Corporate Response Group, Inc.

Date: Washington, DC May 6-8, 1996, Houston, TX, June 18-20, 1996, Seattle, WA, September 9-11, 1996 Houston, TX October 29-31, 1996

Location: Corporate Response Group, Inc. Washington, DC

Contact: Corporate Response Group, Inc. 11101 17th Street NW, Suite 1200, Washington, DC 20036 Tel: (202)775-0177 or fax: (202)467-0513

Tanker Operations

Title: Tanker Operations

Sponsor: ABS Marine Services

Date: May 14-17, 1996

Location: American Bureau of Shipping, Two World Trade Center, 106th Floor, New York, NY 10048

EVENTS (CONT'D)

Fundamentals of Contract and Change Management for Ship Construction, Repair, and Design	<p>Contact: ABS Marine Services, 16855 Northchase Drive, Houston, TX 77060-6008, Tel, (713) 874-6522, Fax, (713) 874-6356, Attn: David D. Callahan</p> <hr/> <p>Title: Fundamentals of Contract and Change Management for Ship Construction, Repair, and Design</p> <p>Sponsor: Fisher Maritime Transportation Counselors, Inc.</p> <p>Location: Houston, TX on Feb. 27-29, Washington, DC March 19-21, Orlando, FL April 17-19, Boston, MA May 8-10 or Vancouver, BC June 4-6</p> <p>Contact: Fisher Maritime, by phone 1-800-SEA-FIRM, overseas (201) 763-4266 or by fax at (201) 763-5048, or by mail at Fisher Maritime, 71 Valley Street #301, South Orange, NJ 07079</p>
Advanced Tanker	<hr/> <p>Title: Advanced Tanker Operations</p> <p>Sponsor: ABS Marine Services</p> <p>Location: American Bureau of Shipping, Two World Trade Center, 106th Floor, New York, NY 10048</p> <p>Contact: ABS Marine Services, 16822 Northchase Drive, Houston, TX 77060-6008, tel.: (713) 874-6522, fax: (713) 874-6356, attn: David D. Callahan</p>
Summit on Safety at Sea	<hr/> <p>Title: Third International Summit on Safety at Sea</p> <p>Sponsor: Norwegian Shipowners Association</p> <p>Date: May 14-15, 1996</p> <p>Location: Hodmenkollen Park Hotel Rica, Kongeveien 26 N-0390, Oslo, Norway</p> <p>Contact: Norwegian Petroleum Society (NPF), P.O. Box 1897 vika, N-0124 Oslo, tel.: 47 22 43 00 50, fax: 47 22 55 46 30</p>
Dedication of Center for Technology Risk Studies	<hr/> <p>Title: Dedication of Center for Technology Risk Studies</p> <p>Sponsor: A. James Clark School of Engineering, University of Maryland at College Park</p> <p>Date: May 17, 1996</p> <p>Location: Rossborough Inn-Route 1, College Park Campus</p> <p>Contact: tel.: (301) 405-3887</p>
ASTM Committee F25 on Ships and Marine Technology	<hr/> <p>Title: Seminar on Innovations in Marine Technology</p> <p>Sponsor: ASTM</p> <p>Date: May 20-23, 1996</p> <p>Location: Orlando, FL at the Omni Rosen Hotel</p> <p>Contact: Teresa J. Cendrowska, tel.: (610) 832-9718</p>
Charter Parties, Laytime, and Demurrage	<hr/> <p>Title: Charter Parties, Laytime and Demurrage</p> <p>Sponsor: ABS Marine Services</p> <p>Date: May 21-23, 1996</p> <p>Location: American Bureau of Shipping, Two World Trade Center, 106th Floor, New York, NY 10048</p> <p>Contact: ABS Marine Services, 16822 Northchase Drive, Houston, TX 77060-6008, tel.: (713) 874-6522, fax: (713) 874-6356, attn: David D. Callahan</p>
SHC - 66th Session IMO MSC Presentation	<hr/> <p>Title: Shipping Coordinating Committee on IMO Maritime Safety Committee 66th Session</p> <p>Sponsor: U.S. Coast Guard</p>

EVENTS (CONT'D)

What's In It For Shipping

Date: May 22, 1996

Location: USCG Headquarters, Room 2415, 2100 Second St. SW, Washington DC

Contact: Mr. Joseph J. Angelo, Commandant (G-MS), USCG, 2100 Second St. SW, Room 1218, Washington DC 20593-0001 or by calling (202) 267-2970

Title: What's In It For Shipping

Date: May 29-31, 1996

Location: The Marlborough Hotel, London, UK

Sponsor: Cambridge Academy of Transport

Contact: Dr. John M. Doviak, Director, Cambridge Academy of Transport, 48 Whittlesford Road, Little Shelford, Cambridge, CB2 5EW UK, tel.: 44 (0)1223 845242 or fax: 44 (0)1223 845582

Tank Barge/Towing Vessel Safety Workshop

Title: Operational Procedures, Structural Measures and Human Factors

Date: June 8-16, 1996

Location: Massachusetts Maritime Academy, Buzzards Bay, Massachusetts

Sponsor: First CG District, Massachusetts Maritime Academy, American Waterways Operators and the Greater New England States

Contact: Ms. Hammerle of Massachusetts Maritime Academy, tel.: (508) 830-5095 or contact LT Brian Downey or CDR Ernie Fink of the First CG District Marine Safety Division, tel.: (616) 223-8447

ISO 14000

Title: ISO 14000 For the Environmentally Challenged

Sponsor: ABS Marine Services

Date: June 11, 1996

Location: ABS Plaza, 16885 Northchase Drive, Houston, TX 77060-6008, Tel (713) 873-0700

Contact: ABS Marine Services, 16885 Northchase Drive, Houston, TX 77060-6008, tel.: (713) 874-6522, fax: (713) 874-6356, Attn: David D. Callahan

Petroleum Measurement and Loss Control

Title: Marine Custody Transfer Petroleum Measurement and Loss Control

Sponsor: ABS Marine Services

Date: June 11-14, 1996

Location: Doubletree Guest Suites Hotel, 5353 Westheimer Rd. Houston, TX 77056, (713) 961-9000

Contact: ABS Marine Services, 16855 Northchase Drive, Houston, TX 77060-6008, tel.: (713) 874-6522, fax: (713) 874-6356, Attn: David D. Callahan

Silver Bell Awards Dinner Benefit

Title: 19th Annual Silver Bell Awards Dinner Benefit

Sponsor: The Seamen's Church Institute of New York and New Jersey

Date: June 12, 1996

Location: The Village Green on Governors Island

Contact: Lisa Biro Finn, tel.: (212) 349-9090, ext. 230

International Association of Drilling Contractors

Title: Well Control - Europe

Sponsor: International Association of Drilling Contractors

Date: May 22-24, 1996

EVENTS (CONT'D)

	<p>Location: Aberdeen Conference/Exhibit Center</p> <p>Contact: Mrs. Melissa Nellis, tel: (713) 578-7171, fax: (713) 578-0589</p> <p>Title: Well Control - Americas</p> <p>Sponsor: International Association of Drilling Contractors</p> <p>Date: August 1-2, 1996</p> <p>Location: Inter-Continental Hotel, Rio de Janeiro</p> <p>Contact: Mrs. Melissa Nellis, tel: (713) 578-7171, fax: (713) 578-0589</p>
Inspector of Petroleum	<p>Title: Inspector of Petroleum Certification and Review Program</p> <p>Sponsor: ABS Marine Services</p> <p>Date: June 17-21, 1996</p> <p>Location: Double Tree Guest Suites Hotel, 5353 Westheimer Rd. Houston, TX 77056, (713) 961-9000</p> <p>Contact: ABS Marine Services, 16855 Northchase Drive, Houston, TX 77060-6008, Tel (713) 874-6522, Fax (713) 874-6356, Attn: David D. Callahan</p>
Petroleum Loss Control Claims and Recovery	<p>Title: Advance Course Petroleum Loss Control and Claims and Recovery</p> <p>Sponsor: ABS Marine Services</p> <p>Date: June 17-20, 1996</p> <p>Location: Double Tree Guest Suites Hotel, 5353 Westheimer Rd. Houston, TX 77056, (713) 961-9000</p> <p>Contact: ABS Marine Services, 16855 Northchase Drive, Houston, TX 77060-6008, Tel (713) 874-6522, Fax (713) 874-6356, Attn: David D. Callahan</p>
USMSA Safety Seminar	<p>Title: The 1996 USMSA Safety Seminar</p> <p>SPONSORS: United States Marine Safety Association</p> <p>Date: June 24-26, 1996</p> <p>Location: The Westmark Kodiak, Kodiak, Alaska</p> <p>Contact: Shannon Coghlan, tel.: (215) 564-3484 or fax: (215) 963-9785</p>
IMO Marine Environment Protection Committee Meeting	<p>Title: Marine Environment Protection Committee</p> <p>SPONSORS: International Maritime Organization</p> <p>Date: July 1-10, 1996</p> <p>Location: IMO Headquarters, 4 Albert Embankment, London. SE1 7SR</p>
National Pollution Funds Center (NPFC) OSLTF User Seminar	<p>Title: Oil Spill Liability Trust Fund (OSLTF) User Seminar</p> <p>Sponsor: National Pollution Funds Center (NPFC)</p> <p>Date: Jul 23-24, 1996</p> <p>Location: Seattle, Washington at the Doubletree Inn</p> <p>Contact: Ms. Ellen Rosen, Soza and Co. at (703) 560-9477, ext. 240. For more information about the seminar program, contact Ms. Dana Compton, at (703) 235-4753, at the NPFC.</p>
International Conference on Ship Design	<p>Title: International Conference on Design and Methodologies for Collision and Grounding Protection of Ships</p> <p>Sponsor: The Society of Naval Architects and Marine Engineers (SNAME) and the Society of Naval Architects of Japan (SNAJ)</p>

EVENTS (CONT'D)

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- Date:** August 22-23, 1996
Location: World Trade Club, San Francisco, CA
Contact: Herbert Engineering Corp., 98 Battery Street, Suite 500, San Francisco, CA 94111, tel., (415) 296-9700, fax, (415) 296-9763 or Mr. Jaideep Sirkar, c/o Commandant (G-MMS-2), 2100 Second Street SW, Washington, DC 20593, tel., (202) 267-2988
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- MARSIM '96**
Title: International Conference on Marine Simulation and Ship Maneuverability
Sponsor: Danish Maritime Institute, Danish Maritime Authority, Association of Danish Shipbuilders, and Danish Shipowners' Association
Date: September 8-13, 1996
Location: Copenhagen Sheraton Hotel, Copenhagen, Denmark
Contact: Conference Secretary, DIS Congress Service Copenhagen, Herlev Ringvej 2C, DK-2730 Herlev, tel.: +45 44 92 44 92, fax: +45 44 92 50 50. Please direct abstracts to Erik Kasper, Danish Maritime Institute, Hjortekaersvej 99, DK-45 87 93 25, fax: +45 45 87 93 33.
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- Tanker Legislation**
Title: Tanker Legislation '96
Sponsor: Marine Log
Date: September 17-18, 1996
Location: Washington Marriott Hotel, Washington, DC
Contact: Jane Poterala, Marine Log, Tel: (212)620-7209, fax: (212)633-1165
-
- POLARTECH '96**
Title: International Conference on Development and Utilization of Technologies in Polar Regions
Sponsor: Krylov Shipbuilding Research Institute
Date: September 24-26, 1996
Location: Krylov Shipbuilding Research Institute
Contact: Secretariate of POLARTECH '96, Mr. Boris P. Polonsky, Krylov Shipbuilding Research Institute 44, Moskovskoye Shosse, 196158 St. Petersburg, Russia, Tel: (8128) 127-96-47, 127-96-25 or fax: (812) 127-95-95, 127-95-94, Telex: 121467 CENKR SU, E-Mail: krylspb@sovam.com
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- USMSA Fish Expo Seattle**
Title: Fish Expo Seattle
Sponsor: U.S. Marine Safety Association
Date: September 26-28, 1996
Location: Washington State Convention Center, Seattle, WA
Contact: Diversified Expositions at (207) 842-5508
-
- Training Seafarers for the Next Century**
Title: Training Seafarers for the Next Century
Sponsor: The Maritime Institute of Technology and Graduate Studies, Calhoun MEBA Engineering School and International Maritime Organization (IMO)
Date: September 30 - October 2, 1996
Location: Maritime Institute of Technology and Graduate Studies, Linthicum Heights, Maryland
Contact: MITAGS 5700 Hammonds Ferry Road, Linthicum Heights, MD 21090, tel.: (410) 859-5700 or fax: (410) 859-0942
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EVENTS (CONT'D)

Shipbuilding, Machinery and Marine Technology (SMM)

Title: Shipbuilding, Machinery and Marine Technology Exhibition and Conference

Sponsor: German Machinery and Plant Manufacturers Association (VDMA), German Shipbuilding and Ocean Industries Association (VSM), German Marine Engineers Association (VSIH), German Electrical Engineering and Electronics Industry Association (ZVEI)

Partner Country: United States of America

Date: October 1-5, 1996

Location: Hamburg Messe und Congress GmbH

Contact: Hamburg Messe, P.O. Box 30 24 80 D-20308 Hamburg, tel.: (4940) 3569, fax: (4940) 3569-2149

International Association for Sea Survival Training Fourth International Conference

Title: Fourth International Conference of the International Association for Sea Survival Training

Sponsor: Texas A&M University System, Center for Marine Training and Safety

Date: October 10-11, 1996

Location: San Luis Hotel, Galveston, Texas

Contact: Keith Palmer, Tel. (409) 740-4807 or fax. (409) 744-2890

The International Market for Marine Environment and Safety

Title: Market Mechanisms for Safer Shipping and Cleaner Oceans

Sponsor: Erasmus Forum and Ectal the Centre for Transport and Logistics

Date: October 10-12, 1996

Location: Rotterdam, The Netherlands

Contact: Erasmus Forum, Ms. K. Gikas Project Assistant, Ms. M. de Leeuw Conference Manager, Tel: 31 10 408 10 98 or fax: 31 10 453 07 84

The Third Seatrade Convention

Title: The Third Seatrade Tanker Industry Convention

Sponsor: International Association of Independent Tanker Owners

Date: October 29-30, 1996

Location: Royal Lancaster Hotel, London, UK

Contact: Seatrade Organization, tel.: +44 1026 45121, fax: +44 1206 45190

SSC/SNAME Symposium '96

Title: Human and Organizational Errors in Marine Structures - A Quest for Quality in Design, Construction, and Maintenance

Sponsor: Ship Structure Committee (SSC) and Society of Naval Architects and Marine Engineers

Date: November 18-20, 1996

Location: Sheraton National Hotel, Arlington, Virginia

Contact: Papers should be sent to Papers Committee Chairman, Al Attermeyer, Military Sealift Command, Code CTA N731, 901 M Street SE, Washington, DC 20398-5540, tel.: (202) 685-5210 or fax: (202) 685-5223.

Intelligent Ships Symposium

Title: Intelligent Machinery Technologies for the 21st Century

Sponsor: ASNE Delaware Valley Section, Naval Surface Warfare Center, Carderock Division, Ship Systems Engineering Station

Date: November 25-26, 1996

Location: Philadelphia, PA

EVENTS (CONT'D)

	<p>Contact: Papers, Andy Geyer, NSWCCD-SSES, Tel; (215) 897-7427 or Exhibits, Blanch Geyer, NSWCCD-SSES, (215) 897-1519</p>
Workboat Conference	<p>Title: Workboat Conference</p> <p>Sponsor: The Seamen's Church Institute</p> <p>Date: November, 1996</p> <p>Location: The Seamen's Church Institute of New York and New Jersey, 241 Water Street, New York, New York 10038</p> <p>Contact: Andrea Laine, tel.: (212) 349-9090 ext-243, fax: (212) 349-8342</p>
Patrol '96	<p>Title: Patrol '96 First Announcement and Call for Papers</p> <p>Sponsor: IPEN, Pan American Institute of Naval Engineering, SNAME, ASNE</p> <p>Date: December 2-3, 1996</p> <p>Location: New Orleans, LA</p>
1997 International Oil Spill Conference	<p>Title: 1997 International Oil Spill Conference Improving Environmental Protection Progress, Challenges, Responsibilities</p> <p>Sponsor: USCG, U.S. Environmental Protection Agency, American Petroleum Institute, International Petroleum Industry Environmental Conservation Association, International Maritime Organization</p> <p>Date: April 7-10, 1997</p> <p>Location: Fort Lauderdale Convention Center, Fort Lauderdale, Florida</p> <p>Contact: CDR Mark Johnson, tel., (202)267-6860</p>
SNAME Annual Meetings	<p>Title: SNAME Annual Meetings and International Maritime Expositions</p> <p>Sponsor: The Society of Naval Architects and Marine Engineers</p> <p>Date: October 2-5, 1996</p> <p>Location: Marriot Marquis Hotel, New York City</p> <p>Date: October 15-19, 1997</p> <p>Location: Westin Hotel, Ottawa, Ontario, Canada</p> <p>Date: November 9-14, 1998</p> <p>Location: Doubletree Inn at Horton Plaza and San Diego Concourse (Exposition) San Diego, California</p> <p>Date: September 28 - October 2, 1999</p> <p>Location: Baltimore Hyatt Regency at Inner Harbor and Baltimore Convention Center (Exposition) Baltimore, Maryland</p> <p>Contact: SNAME, 601 Pavonia Ave., Jersey City, NJ 07306 tel.: (201) 798-4800</p>
ISM Seminars	<p>Title: ISM Seminars</p> <p>Sponsor: American Bureau of Shipping</p> <p>Location: Various cities worldwide</p> <p>Contact: Local ABS Office for specific information on dates and locations.</p> <p>ISO 9000 Training Classes</p> <p>Title: World Class ISO 9000 Training</p> <p>Sponsor: CEEM Inc. and British Standards Institution</p> <p>Contact: CEEM Inc., 10521 Braddock Road, Fairfax, VA 22032-2236, tel.: (703) 250-5900 or (800) 745-5565.</p>

CALENDARS

Shipping Coordinating Committee and U.S. SOLAS Working Group Meetings:

SHC MSC 66 Preparation Meeting	22 May 96
Working Group on STCW Convention	10 Jun 96

IMO Meetings in London:

International Conference on Hazardous and Noxious Substances and Limitation of Liability	15 Apr-3 May 96
London Convention 1972 Scientific Group	13 May 96
Second International Research and Development Forum	23 May 96
Maritime Safety Committee 66	28 May-6 Jun 96
Council	17-21 Jun 96
Technical Co-Operation Committee	20 Jun 96
92 Fund Assembly	
71 Fund Assembly	24-28 Jun 96
Marine Environment Protection Committee 38th	1-10 Jul 96
Subcommittee on Safety of Navigation (NAV)	15-19 Jul 96
Subcommittee on Stability and Load Line and on Fishing Vessels Safety (SFL)	2-6 Sep 96
Subcommittee on Standard of Training and Watchkeeping (STW)	16-20 Sep 96
Subcommittee on Fire Protection	30 Sep-4 Oct 96
Legal Committee	14-18 Oct 96
71 Fund Assembly, 92 Fund Assembly	21-25 Oct 96
London Convention Diplomatic Conference	28 Oct 8 Nov 96
Council	18-22 Nov 96
Technical Cooperation Committee	21 Nov 96
Maritime Safety Committee	2-6 Dec 96

CALENDARS (CONT'D)

Safety on Ships	20 Mar-30 Dec 96
Regulatory Update '96	7 May 96
Responding '96	7 May 96
Summit on at Sea	14-15 May 96
Seamen's Church Institute	15 May 96
Tanker Operations	14-17 May 96
Center for Technology Risk Studies	17 May 96
Armed Forces Day 1996	18 May 96
Advanced Tanker	20-23 May 96
ASTM Committee F25	20-23 May 96
Charter Parties, Laytime, and Demurrage	21-23 May 96
Well Control Conferences: Well Control-Europe	22-24 May 96
MSC 66	28 May 96
Regulatory Update '96	6 Jun 96
.....	6-7 Jun 96
Seamen's Church Institute	12 Jun 96
Coast Guard Auxiliary Day	23 Jun 96
USMSA Safety Seminar	24-26 Jun 96
MEPC 38	1-10 Jul 96
Regulatory Update '96	10 Jul 96
Oil Spill Liability Trust Fund (OSLTF) User Seminar	23-24 Jul 96
Well Control Conferences: Well Control-Americas	1-2 Aug 96
Coast Guard Day	4 Aug 96
International Conference on Ship Design	22-23 Aug 96
Sub-Committee on Stability and Load Lines and on Fishing Vessels Safety (SFL-40)	2-6 Sep 96
International Conference Safe Ship	4-5 Sep 96
Regulatory Update '96	11 Sep 96
MARSIM '96	08-13 Sep 96
Exercising Why, When, and How: Gearing Up Your Crisis Management Program	19-23 Sep 96
Polartech '96	24-26 Sep 96
USMASA Fish Expo Seattle	26-28 Sep 96
Training Seafarers for the Next Century	30 Sept-2 Oct 96
Shipbuilding, Machinery and Marine Technology Exhibition and Conference	1-5 Oct 96
Regulatory Update '96	9 Oct 96
Fourth International Conference of the International Association for Sea Survival Training	10-11 Oct 96
Market Mechanisms for Safer Shipping and Cleaner Oceans	10-12 Oct 96
The Third Seatrade Convention	29-30 Oct 96
Workboat Conference	Nov 96
Exercising Why, When, and How: Gearing Up Your Crisis Management Program	5-9 Nov 96
Regulatory Update '96	12 Nov 96
Regulatory Update '96	14 Nov 96
SSC/SNAME Symposium '96	18-20 Nov 96
Intelligent Ships Symposium	25-26 Nov 96
Patrol '96	2-3 Dec 96
MSC 67	2-5 Dec 96
USMSA Annual Meeting	4-5 Dec 96
SASMEX	Apr 97

CALENDARS (CONT'D)

1997 Oil Spill Conference	7-10 Apr 97
ASTM F25 Annual Meetings	21-23 May 96
.....	10-12 Dec 96
.....	6-8 May 97
.....	9-11 Dec 97
.....	3-8 May 98
.....	6-11 Dec 98
.....	16-21 May 99
.....	5-10 Dec 99
SNAME Annual Meetings	2-5 Oct 96
.....	15-19 Oct 97
.....	9-14 Nov 98
.....	28 Sep-2 Oct 99

LIST OF ABBREVIATIONS

ADEC	Alaska Department of Environmental Conservation	NOAA	National Oceanic and Atmospheric Administration
ANPRM	Advance Notice of Proposed Rulemaking	NPRM	Notice of Proposed Rulemaking
ASTM	American Society for Testing and Materials	NPFC	National Pollution Funds Center
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	NRDA	Natural Resource Damage Assessments
CFR	Code of Federal Regulations	NRT	National Response Team
COFR	Certification of Financial Responsibility	NSFCC	National Strike Force Coordination Center
COTP	Captain of the Port	NTIS	National Technical Information Service
CTAC	Chemical Transportation Advisory Committee	NVIC	Navigation and Vessel Inspection Circular
CWA	Clean Water Act	OPA 90	Oil Pollution Act of 1990
DOD	Department of Defense	OSRO	Oil Spill Removal Organization
DOI	Department of the Interior	PREP	National Preparedness for Response Exercise Program
EPA	Environmental Protection Agency	PWS	Prince William Sound
FOSC	Federal On-Scene Coordinator	RCAC	Regional Citizens' Advisory Council
FR	Federal Register	RE	Regulatory Evaluation
FRP	Facility Response Plan	RSPA	Research and Special Programs Administration
FSI	Flag State Implementation	SHC	Shipping Coordination Committee
FWPCA	Federal Water Pollution Control Act	SNAME	Society of Naval Architects and Marine Engineers
IFR	Interim Final Rule	SNPRM	Supplemental Notice of Proposed Rulemaking
IMO	International Maritime Organization	SOLAS	Safety of Life at Sea
MEP	Marine Environmental Protection	STW	Standards of Training and Watchkeeping
MEPC	Marine Environmental Protection Committee	TSAC	Towing Safety Advisory Committee
MERPAC	Merchant marine Personnel Advisory Committee	USCG	U.S. Coast Guard
MMS	Minerals Management Service	USDA	U.S. Department of Agriculture
MRR	Maritime Regulatory Reform	VOSS	Vessel of Opportunity Skimming System
MSC	Maritime Safety Committee	VRP	Vessel Response Plan
MSO	Marine Safety Office		
NCP	National Oil and Hazardous Substances Pollution Contingency Plan		

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